

# Data Automated Communications Terminal

## DESCRIPTION

The Mounted DACT (M-DACT) provides Command and Control (C2) capabilities in vehicles for support of Commanders from Regiment down to the mechanized platoon. The M-DACT receives position data via an integrated military compliant Global Positioning System receiver, and exchanges Position Location Information (PLI) and messages with other users of MAGTF, Command Control, Communications, Computers and Intelligence systems. The M-DACT is used to transmit, receive, store, retrieve, create, modify, and display map overlays and Commander's Critical Information Requirements. M-DACT users include Regimental/Battalion Commanders, Company/Battery Commanders, main battle tanks, Assault Amphibious Vehicle troop commanders, Light Armored Vehicle platoon commanders, and heavy infantry weapons and antitank section leaders. The Dismounted DACT (D-DACT) system user will send and receive PLI and message data via a terrestrial communications network with an M-DACT located at the company level. The D-DACT, a hand held device, will receive location data via an integrated military compliant Global Positioning System (GPS) receiver.

## OPERATIONAL IMPACT

The DACT extends the MAGTF Commander's Command and Control Personal Computer network down to the platoon level. The DACT's improved capabilities will meet stipulated Operational

Requirements and Operation Iraqi Freedom derived requirements to provide Blue Force tracking and automated communications support for commanders in tactical operations. New capabilities include beyond line of sight and enhanced communication paths, improved graphic user interface software and a larger screen, and selective availability anti-spoofing module GPS integration. These added capabilities make the DACT an integral component of Joint Blue Force Situational Awareness.

## PROGRAM STATUS

Fielding of the M-DACT began in FY 2003 to support combat operations during OIF and 814 M-DACTs have been fielded to date. In FY 2007, the M-DACT will begin procurement for hardware refresh and additional systems to fulfill increased requirements. The new hardware, coupled with the Joint Capabilities Release software available in FY08, will allow for increased situational awareness and interoperability across service components. The D-DACT will continue fielding during FY 2007-FY09, with planned procurements in FY 2007-FY09 to achieve the increased Approved Acquisition Objective.

### Procurement Profile:

Quantity:	FY 2007	FY 2008
M-DACT	0	0
D-DACT	0	1500

### Developer/Manufacturer:

Hardware: Talla-Tech, Tallahassee, FL

Software: Northrop Grumman Mission Systems, San Diego, CA